Kapilow 1999-0096C

IN THE CLAIMS:

1. (Currently Amended) A method for concealing the effect of missing speech information on generated speech, said speech information having been compressed and transmitted in packets to a receiver which does not receive one or more of such packets, the method comprising the steps of:

forming a speech signal based on received packets representing speech information;

in response to a determination that a packet is not available at the receiver to form the speech signal, synthesizing a portion of the speech signal corresponding to the unavailable packet using a portion of the previously formed speech signal, wherein the integer number of pitch period samples periods of the previously formed portion used found in such synthesis is greater for speech of a fundamental frequency above a threshold than for speech of a fundamental frequency below the threshold.

2. (Currently Amended) A method for concealing the effect of missing speech information on generated speech, said speech information having been compressed and transmitted in packets to a receiver which does not fails to properly receive one or more of such packets, the method comprising the steps of:

forming a speech signal based on properly received packets representing speech information; and

in response to a determination that a packet is not properly received and thus not available at the receiver to form the speech signal, synthesizing a portion segment of the speech signal corresponding to the unavailable packet using including a portion of the previously formed speech signal, which portion corresponds to a number of k pitch periods of the previously formed portion speech signal that are repeated to form a synthesis of said one or more packets segment, which number where k is greater for speech of a fundamental frequency above a threshold than for speech of a fundamental frequency below the threshold.

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